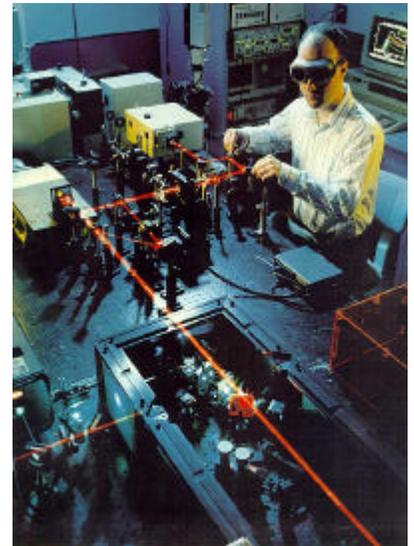
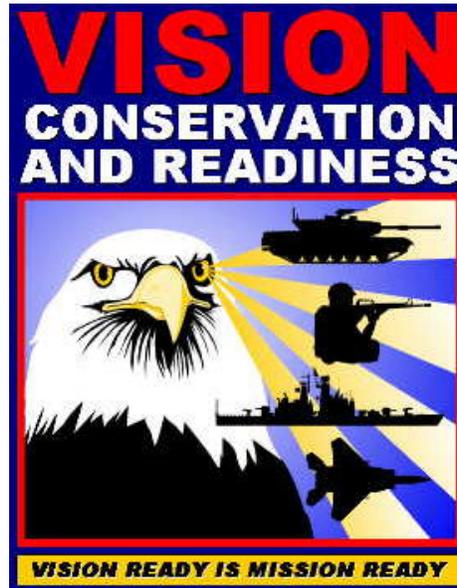


U.S. Army Center for Health Promotion  
And Preventive Medicine

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# Vision and Safety Eyewear Guide for U.S. Army Civilian and Military Job Series



**Technical Guide 006**  
November 2002

LOCAL REPRODUCTION IS AUTHORIZED AND ENCOURAGED



Vision and Safety Eyewear Guide  
for  
U.S. Army  
Civilian and Military Job Series

Technical Guide 006

Purpose

This technical guide (TG) provides recommended visual performance standards for work in U.S. Army civilian and military jobs. In addition, the TG recommends eye protection for those job series that involve work in eye hazardous areas or tasks. These vision standards promote visual efficiency and safety and should not be used as accession or retention standards.

Background

This TG is intended for use by occupational health, safety, industrial hygiene and vision care providers on U.S. Army installations worldwide to determine the following for an individual employee or group of employees:

- Visual performance standards that will give the employee the visual capability to perform efficiently and safely in the workplace.
- Eye protection requirements where there is a potential for eye injury while performing duties in the workplace.

The local Vision Conservation and Readiness Team (VCRT) members should review work conditions to determine if the TG recommendations match the actual work being performed by the employee(s). The final determination of vision standards or vision protection is vested in the local VCRT. Where two standards (for example, Standard 6 and video display terminal (VDT)) both apply to the job, use the more stringent requirement. The VDT standard applies to workers using a VDT 20 or more hours per week. Table 1 of this TG contains the vision standards used in Department of the Army Pamphlet (DA PAM) 40-506, The Army Vision Conservation and Readiness Program.

For a more detailed description of the VCRT and a description of occupational vision, vision safety, and environmental vision, refer to DA PAM 40-506.

## Why have vision standards been established?

During World War II, Joseph Tiffin, an industrial psychologist, and his colleagues from Purdue University performed a large-scale investigation of the relationship between visual performance and on-the-job productivity of specific employees. He described the existence of a pattern of visual skills (rather than a single skill) that seemed to be possessed by individuals who performed well at tasks. From the extensive vision screening and work efficiency study, Tiffin's group formulated vision requirements for six job classifications. These classifications and standards have stood the test of time without modification. The only change made to the original standards for the Army in DA PAM 40-506 has been the addition of a standard for VDT workers and night vision device (NVD) users. Table 1 provides the vision standards used in DA PAM 40-506.

TABLE 1								
Vision Standards								
Vision Standard	Corrected Visual Acuity			Muscle Balance			Depth Perception	Color Vision
	Distant	Near	Intermed	Distant	Near	Intermed		
1	20/50	20/30	---	---	Normal	---	---	---
2	20/30	20/40	---	Normal	---	---	Normal	Normal
3	20/40	20/20	---	---	Normal	---	Normal	Normal
4	20/40	20/30	---	---	Normal	---	Normal	Normal
5	20/30	20/30	---	---	Normal	---	Normal	Normal
6	20/50	20/50	---	---	---	---	---	---
VDT	20/30	20/25	20/25	---	---	Normal	---	---
NVD	20/30	20/30	---	---	---	---	---	---

Vision Standards Description:

1 - Clerical and administrative occupations requiring a considerable amount of desk work (also see VDT).  
 2 - Occupations involving operation of moving vehicles (examples: driving trucks and automobiles, piloting aircraft\*, operating cranes, forklifts, and tractors).  
 3 - Jobs involving inspection for surface defects and fine tolerance.  
 4 - Jobs involving machines in which the operating parts are within arm's reach.  
 5 - Skilled trades requiring good near and distant vision (example: plumbers, millwrights, aircraft mechanics\*, electricians\*, and supervisors).  
 6 - Jobs of relatively unskilled type (example: porters, warehousemen, laborers).  
 VDT - Jobs requiring at least 20 hours of work per week at a video display terminal (VDT). (VDT work is not an eye hazard.)  
 NVD - Jobs requiring NVD (Night Vision Devices) use are tested to best correctable visual acuity without the NVD.  
 Color - Special requirements exist for those who must possess excellent color discrimination (examples: electricians, pilots, aircraft mechanics, electronics repairers).  
 \* Some jobs require more stringent acuities based on regulation (e.g., pilots require 20/20).

## **What is meant by safety eyewear?**

**Industrial Eye Protection:** Industrial eye protection for civil service and contract personnel will meet the requirements of the American National Standards Institute Standard Z87.1, Practice for Occupational and Educational Eye and Face Protection (ANSI Z87.1). Military personnel should use Z87.1 or military mission-specific devices such as Ballistic Laser Protective System (BLPS), Spectacle Protective Eyewear Cylindrical System (SPECS), or Military Eye Protection System (MEPS) when available. See DA PAM 40-506 for details on the types of eye hazards and eye protection.

**Biological Protection:** Biological protection may be met by wearing ANSI Z87.1 glasses with sideshields, goggles meeting ANSI Z87.1, or standard eyeglasses with a splash barrier attached.

**Sports Protection:** Some sports such as racquet sports and paintball have standards established by the American Society for Testing and Materials (ASTM). These standards were established for the specific sport addressed by the standard. Where no standard exists, the recommendations of the national sponsoring organizations of the sport are adopted. ANSI Z87.1 eyewear is not approved protection in any sport. See DA PAM 40-506 for more information on specific ASTM standards.

### **Note:**

The vision standards for Army Officer, Warrant Officer, and Enlisted personnel are based on job descriptions in DA PAM 611-21. The protective requirements are based on the Military Occupational Specialty (MOS) description. Where duties of the service member are significantly different from the MOS description, the local VCRT may specify a different degree of protection. Upon deployment, SPECS, and BLPS (and MEPS when fielded) are considered the appropriate protection for soldiers. In some instances (for example, fuel or chemical handlers), industrial protection meeting ANSI Z87.1 chemical splash requirements may also be appropriate in place of or in addition to BLPS/SPECS. Determining final protective requirements rests with the local VCRT members per DA PAM 40-506.

The vision standards and protective requirements for General Service (GS) and Wage Grade (WG) employees are based on job descriptions in the Federal Personnel Manuals.

### Technical Assistance

Requests for technical assistance may be directed to the Tri-Service Vision Conservation and Readiness Program of the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) at DSN 584-2714 or Commercial (410) 436-2714.

**APPENDIX A: References**

1. AR 40-501, Standards of Medical Fitness.
2. DA PAM 40-506, The Army Vision Conservation and Readiness Program.
3. DA PAM 611-21, Military Occupational Classification and Structure.
4. ANSI Z87.1, American National Standard Practice for Occupational and Educational Eye and Face Protection.
5. ASTM Standard F803, Standard Specification for Eye Protectors for Selected Sports.

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## APPENDIX B: AVIATION RELATED VISION REQUIREMENTS – MILITARY AVIATORS

The information below is an extract from AR 40-501 Standards of Medical Fitness (30 September 2002). As regulations change or recruiting needs are accommodated, some requirements may change or be temporarily modified (such as unaided visual acuity and refractive status). Make sure you are using the most recent version of the AR when evaluating flight personnel. Note that this extraction addresses only the vision requirements and **not** any pathological conditions that may preclude induction or retention in aviation. Pathological conditions/medical history exclusions are found in paragraph 4-11 of AR 40-501.

### 4–12. Vision

The causes of medical unfitness for flying duty Classes 1/1A/2/2F/2S/3 are the following:

#### a. Class 1/1A.

(1) Distant visual acuity. Uncorrected distant visual acuity greater than 20/50 in each eye. If the distant visual acuity is 20/50 or better in either eye, each eye must be correctable to 20/20 with no more than 1 error per line on the Armed Forces Vision Tester (AFVT) or projected Snellen chart at 20 feet.

(2) Near visual acuity. Uncorrected near visual acuity greater than 20/20 in each eye; with no more than 1 error per line on the AFVT or Snellen near visual acuity card.

(3) Cycloplegic refractive error using the method in ATB 5, Cycloplegic Refraction.

(a) Hyperopia greater than +3.00 diopters of sphere in any meridian by transposition in either eye. (Spherical equivalent method does not apply.)

(b) Myopia greater than -1.50 diopters of sphere in any meridian by transposition in either eye. (Spherical equivalent method does not apply.)

(c) Astigmatism greater than +/- 1.00 diopters of cylinder in either eye.

(d) Presbyopic correction greater than 0.00 diopters of add in either eye.

(4) Ocular motility using the methods in APL, Extraocular Motility Disturbances, and APL, Convergence Insufficiencies.

(a) Any degree of tropia detected in ocular motion on the Cover-Uncover Test (Tropia Test) in any four cardinal directions of gaze, or any degree of heterotropia.

(b) Esophoria greater than 8 prism diopters.

(c) Exophoria greater than 8 prism diopters.

(d) Hyperphoria greater than 1 prism diopter.

(e) Any detectable ocular motion on the Cross–Cover Test (Alternate Cover or Phoria Test) in any four cardinal directions of gaze until a complete evaluation by a qualified ophthalmologist or optometrist is reviewed by Commander, U.S. Army Aeromedical Center (USAAMC).

(f) Near point of convergence (NPC) greater than 100 mm.

(5) Color vision performed by test methods in APL, Color Vision Deficiencies.

(a) Five or more errors in reading the 14 test plates of the Pseudoisochromatic Plate (PIP) Set; or

(b) Any error in reading the nine test light pairs of the Farnsworth Lantern (FALANT).

(6) Binocular depth perception (stereo acuity) performed by test methods in ATB 7, Depth Perception Tests. (RANDOT Forms Test, RANDOT Animals Test, and Titmus Stereo Fly are not authorized.)

(a) Any error in line A or B of lines A through F when using depth perception presentation places in the AFVT or Optec 2300 AFVT; or

(b) Any error in levels 1 through 7 of the 10 levels of the Random Dot (RANDOT) Circles Test; or

(c) Any error in the nine levels of the Titmus Graded Circles Stereoacuity Test with nine levels of four circles; or

(d) Binocular stereo acuity worse than 40 seconds of arc.

(7) Field of vision. Any scotoma, other than physiologic.

(8) Night blindness. As noted by history and confirmed by abnormal night vision testing.

**b. Class 2/2F/2S/3.** Same as Class 1/1A except as listed below:

(1) Distant and near visual acuity. Uncorrected acuity greater than 20/400 in either eye, which must be correctable to 20/20 in each eye.

(2) Manifest refractive error. Refractive error of such magnitude that the individual cannot be fitted with aviation spectacles.

(3) NPC. Failed NPC is not disqualifying.

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**APPENDIX C: AVIATION RELATED VISION REQUIREMENTS-CIVIL SERVICE**

This information was extracted from the United States Office of Personnel Management (OPM) Operating Manual (from the OPM web site): <http://www.opm.gov/qualifications>

GS Series 2181: Aircraft Operation

At the time of initial appointment, candidates for all pilot positions must possess a current first or second-class medical certificate in accordance with FAA regulations; both meet the intent of the requirement. If an agency decides, for example, not to accept the second-class medical certificate, the rationale for the decision should be based upon the requirements of the position and should be thoroughly described in agency operating material.

Staff specialists not involved in the operation of aircraft need only have a medical examination indicating that they are able to perform the duties of the position to be filled.

For flight test pilots, airspace system inspection pilots, and U.S. Customs pilots, all candidates must possess a current first-class medical certificate at the time of appointment.

GS Series 2152 - Air Traffic Controller

## Initial Employment

Applicants for initial employment to air traffic control specialist positions must meet the following requirements. (Unless otherwise indicated, these requirements are identical for all specializations.)

## Eye

## 1. Visual Acuity

a. Terminal and Center Positions--Applicants must demonstrate distant and near vision of 20/20 or better (Snellen or equivalent) in each eye separately. If glasses or contact lenses are required, refractive error that exceeds plus or minus 5.50 diopters of spherical equivalent or plus or minus 3.00 diopters of cylinder is disqualifying. The use of orthokeratology or radial keratotomy methods is not acceptable for purposes of meeting this requirement. The use of contact lenses for the correction of near vision only or the use of bifocal contact lenses for the correction of near vision is unacceptable.

b. Flight Service Station Positions--Applicants must demonstrate distant and near vision of 20/20 or better (Snellen or equivalent) in at least one eye. If glasses or contact lenses are required, a refractive error in at least one eye that exceeds plus or minus 8.00 diopters of spherical equivalent will necessitate an ophthalmological consultation to establish absence of ocular pathology that could interfere with visual function. The use of contact lenses for the correction of near vision only or the use of bifocal contact lenses for the correction of near vision is unacceptable.

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Equivalents in Near Visual Acuity Notations Standard Test Chart: 14/14  
Snellen Metric: 0.50M ; Jaeger: J-1; Metric: 6/6

2. Color Vision--For all specializations, applicants must demonstrate normal color vision.
  3. Visual Fields
    - a. Terminal and Center Positions--Applicants must demonstrate a normal central visual field, i.e, the field within 30 degrees of the fixation point, in each eye. They must also demonstrate a normal peripheral visual field, i.e., the field of vision beyond the central field that extends 140 degrees in the horizontal meridian and 100 degrees in the vertical meridian, in each eye.
    - b. Flight Service Station Positions--Applicants must demonstrate a normal central field of vision, i.e., the field within 30 degrees of the fixation point, in at least one eye.
  4. Intraocular Pressure--For all specializations, if tonometry reveals either intraocular pressure greater than 20 mm of mercury, or a difference of 5 mm or more of mercury intraocular pressure between the two eyes, ophthalmological consultation is required to rule out the presence of glaucoma. If a diagnosis of glaucoma is made, or if any medication is routinely required for control of intraocular tension, the applicant is disqualified.
  5. Phorias
    - a. Terminal and Center Positions--If an applicant demonstrates greater than 1-1/2 prism diopters of hyperphoria or greater than 10 prism diopters of esophoria or exophoria, evaluation by a qualified eye specialist is required. If this evaluation determines that bifoveal fixation and vergence-phoria relationships sufficient to prevent disruption of fusion under normal working conditions are not present, the applicant is disqualified.
    - b. Flight Service Station Positions--Applicants must demonstrate the absence of diplopia in the cardinal fields of gaze.
- NOTE: Eye pathology and/or chronic eye disease may affect hiring or retention. The details are not included in this appendix.
6. Ocular Motility--For terminal and center specialist positions, applicants must demonstrate full extraocular motility.
  7. History of Eye Surgery--For all specializations, a history of ocular surgery requires ophthalmological consultation. If consultation indicates that the condition that necessitated surgery could interfere with the visual function necessary for performance as an air traffic control specialist, the applicant is disqualified. A history of radial keratotomy is disqualifying.

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**RETENTION STANDARDS**

To be medically qualified for retention, an air traffic control specialist must meet the following requirements. (Unless otherwise indicated, these requirements are identical for all specializations.)

Retention requirements for vision and eye conditions are identical to the requirements for initial hire.

**GS Series 1825 - Aviation Safety****Aviation Safety Investigator**

Applicants must be physically able to perform efficiently the duties of the Aviation Safety Inspector position. They must:

Have good distant vision in each eye and be able to read without strain printed materials the size of typewritten characters (glasses and contact lenses permitted);

In addition, applicants for positions that require participation in the operation of aircraft must:

1. Possess a valid first-class medical certificate in accordance with FAA regulations; and
2. Pass recurrent medical examinations as prescribed by the FAA.

**Vision Requirements for Flight Physicals (as of 22 May 2002)****CLASS 1 Flight Physical**

Eye standards for a first-class airman medical certificate are:

(a) Distant visual acuity of 20/20 or better in each eye separately, with or without corrective lenses. If corrective lenses (spectacles or contact lenses) are necessary for 20/20 vision, the person may be eligible only on the condition that corrective lenses are worn while exercising the privileges of an airman certificate.

(b) Near vision of 20/40 or better, Snellen equivalent, at 16 inches in each eye separately, with or without corrective lenses. If age 50 or older, near vision of 20/40 or better, Snellen equivalent, at both 16 inches and 32 inches in each eye separately, with or without corrective lenses.

(c) Ability to perceive those colors necessary for the safe performance of airman duties.

(d) Normal fields of vision.

(e) No acute or chronic pathological condition of either eye or adnexa that interferes with the proper function of an eye, that may reasonably be expected to progress to that degree, or that may reasonably be expected to be aggravated by flying.

(f) Bifoveal fixation and vergence/phoria relationship sufficient to prevent a break in fusion under conditions that may reasonably be expected to occur in performing airman duties. Tests for the factors named in this paragraph are not required except for persons found to have more than 1 prism diopter of hyperphoria, 6 prism diopters of esophoria, or 6 prism diopters of exophoria. If any of these values are exceeded, the Federal Air Surgeon may require the person to be examined by a qualified eye specialist to determine if there is bifoveal fixation and an adequate vergence/phoria relationship. However, if otherwise eligible, the person is issued a medical certificate pending the results of the examination.

### **CLASS 2 Flight Physical**

Eye standards for a second-class airman medical certificate are:

(a) Distant visual acuity of 20/20 or better in each eye separately, with or without corrective lenses. If corrective lenses (spectacles or contact lenses) are necessary for 20/20 vision, the person may be eligible only on the condition that corrective lenses are worn while exercising the privileges of an airman certificate.

(b) Near vision of 20/40 or better, Snellen equivalent, at 16 inches in each eye separately, with or without corrective lenses. If age 50 or older, near vision of 20/40 or better, Snellen equivalent, at both 16 inches and 32 inches in each eye separately, with or without corrective lenses.

(c) Ability to perceive those colors necessary for the safe performance of airman duties.

(d) Normal fields of vision.

(e) No acute or chronic pathological condition of either eye or adnexa that interferes with the proper function of an eye, that may reasonably be expected to progress to that degree, or that may reasonably be expected to be aggravated by flying.

(f) Bifoveal fixation and vergence/phoria relationship sufficient to prevent a break in fusion under conditions that may reasonably be expected to occur in performing airman duties. Tests for the factors named in this paragraph are not required except for persons found to have more than 1 prism diopter of hyperphoria, 6 prism diopters of esophoria, or 6 prism diopters of exophoria. If any of these values are exceeded, the Federal Air Surgeon may require the person to be examined by a qualified eye specialist to determine if there is bifoveal fixation and an adequate vergence/phoria relationship. However, if otherwise eligible, the person is issued a medical certificate pending the results of the examination.

### **CLASS 3 Flight Physical**

Eye standards for a third-class airman medical certificate are:

(a) Distant visual acuity of 20/40 or better in each eye separately, with or without corrective lenses. If corrective lenses (spectacles or contact lenses) are necessary for 20/40 vision, the person may be eligible only on the condition that corrective lenses are worn while exercising the privileges of an airman certificate.

- (b) Near vision of 20/40 or better, Snellen equivalent, at 16 inches in each eye separately, with or without corrective lenses.
- (c) Ability to perceive those colors necessary for the safe performance of airman duties.
- (d) No acute or chronic pathological condition of either eye or adnexa that interferes with the proper function of an eye, that may reasonably be expected to progress to that degree, or that may reasonably be expected to be aggravated by flying.

## **APPENDIX D - VISION STANDARDS**

## WAGE GRADE VISION STANDARDS

JOB SERIES	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
5306	Air Conditioning Equipment Mechanic	2	Yes	Yes	
5415	Air Conditioning Equipment Operator	2	Yes	No	
8862	Aircraft Attendant	4	Yes	No	
2892	Aircraft Electrician	5	Yes	Yes	
8602	Aircraft Engine Mechanic	5	Yes	Yes	
6968	Aircraft Freight Loader	6	No	No	
8852	Aircraft Mechanic	5	Yes	Yes	
6652	Aircraft Ordnance Systems Mechanic	5	Yes	Yes	
8268	Aircraft Pseudraulic Systems Mechanic	3	Yes	Yes	
5048	Animal Caretaker	2	Yes	No	
6606	Artillery Tester	2	Yes	Yes	
6605	Artillery Repairer	5	Yes	Yes	
3901	Audiovisual Equipment Operator	1	Yes	No	
5823	Automotive Mechanic	3	Yes	No	
7402	Baker	2	Yes	No	
7603	Barber	4	Yes	No	
3725	Battery Repairer	4	Yes	Yes	
4402	Bindery Machine Operator	2	Yes	No	
3830	Blacksmith	4	Yes	Yes	
4602	Blocker and Bracer	4	Yes	Yes	
3808	Boiler Maker	5	Yes	Yes	
5309	Boiler Plant Equipment Mechanic	5	Yes	Yes	
5402	Boiler Plant Operator	5	Yes	Yes	
4819	Bowling Equipment Repairman	5	Yes	Yes	
5736	Brakeman-Conductor	5	Yes	No	
3940	Broadcast Equipment Operator	4	Yes	No	
4607	Carpenter	4	Yes	Yes	
5435	Carton Making Machine Operator	4	Yes	Yes	
3602	Cement Finisher	4	Yes	Yes	
4754	Cemetery Caretaker	6	No	Yes	
4807	Chemical Equipment Repairer	4	Yes	Yes	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
5427	Chemical Plant Operator	2	Yes	Yes	
3736	Circuit Board Maker	5	Yes	No	
6903	Coal Unloader Operator	6	No	Yes	
2508	Communications Line Installer & Repairer	4	Yes	Yes	
5450	Conveyor Operator	6	No	No	
7404	Cook	4	Yes	No	
5725	Crane Operator	2	Yes	Yes	
4808	Custodial Equipment Servicer	2	Yes	Yes	
3566	Custodial Worker	6	No	No	May require chemical protection with some cleaners.
3428	Die Sinker	5	Yes	Yes	
4855	Domestic Appliance Repairer	5	Yes	Yes	
5364	Door Systems Repairer	2	Yes	Yes	
5479	Dredging Equipment Operator	2	Yes	No	
5729	Drill Rig Operator	2	Yes	Yes	
2854	Electrical Equipment Repairer	5	Yes	Yes	
2805	Electrician	3	Yes	Yes	
2810	Electrician, High Voltage	4	Yes	Yes	
5876	Electromotive Equipment Mechanic	5	Yes	Yes	
2608	Electronic Digital Computer Maintenceman	5	Yes	No	
2606	Electronic Industrial Controls Mechanic	3	Yes	No	
2602	Electronic Measurement Equipment Mechanic	5	Yes	No	
3711	Electroplater	5	Yes	Yes	
5313	Elevator Maintenance & Repair Inspector	2	Yes	Yes	
5716	Engineering Equipment Operator	5	Yes	No	
3816	Engraver	3	Yes	No	
7009	Equipment Cleaner	5	Yes	Yes	
4715	Exhibits Maker/Modeler	5	Yes	Yes	

JOB SERIES	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
6502	Explosives Operator	5	Yes	Yes	
6517	Explosives Test Operator	5	Yes	No	
3105	Fabric Worker	3	Yes	Yes	
3702	Flame/Arc Cutter	5	Yes	Yes	
3609	Floor Covering Installer	2	Yes	No	
7408	Food Service Worker	6	No	No	
5704	Forklift Operator	2	Yes	Yes	
4255	Fuel Distribution System Mechanic	5	Yes	Yes	
5413	Fuel Distribution System Worker	4	Yes	Yes	
3741	Furnace Operator	4	Yes	Yes	
5003	Gardener	2	Yes	No	
4737	General Equipment Mechanic	5	Yes	Yes	
3611	Glazier	2	Yes	Yes	
3727	Grinder/Burrer	4	Yes	Yes	
5001	Grounds Maintenance Supervisor	4	Yes	Yes	
3712	Heat Treater	4	Yes	Yes	
5803	Heavy Mobile Equipment Repairer	2	Yes	Yes	
5403	Incinerator Operator	2	Yes	Yes	
5352	Industrial Equipment Mechanic	5	Yes	Yes	
5401	Industrial Equipment Operator	4	Yes	No	
3314	Instrument Maker	5	Yes	Yes	
3359	Instrument Mechanic	5	Yes	Yes	
3610	Insulator	2	Yes	Yes	
3511	Laboratory Worker	4	Yes	No	
3502	Laborer	2	Yes	Yes	
5317	Laundry and Dry Cleaning Equipment Repairer	3	Yes	No	
7305	Laundry Machine Operator	4	Yes	No	
7304	Laundry Worker	4	Yes	No	
4101	Liquid Dispensing Equipment Operator	4	Yes	No	
5318	Lock and Dam Repairer	5	Yes	Yes	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
5737	Locomotive Engineer	4	Yes	Yes	
6902	Lumber Handler	4	Yes	Yes	
3431	Machine Tool Operator	4	Yes	Yes	
3414	Machinist	4	Yes	Yes	
4749	Maintenance Mechanic	5	Yes	Yes	
5334	Marine Machinery Mechanic	5	Yes	Yes	
3603	Mason	5	Yes	Yes	
6912	Materials Examiner/Identifier	4	Yes	No	
6910	Materials Expeditor	4	Yes	No	
6907	Materials Handler	6	No	Yes	
7407	Meat Cutter	4	Yes	No	
4848	Mechanical Parts Repairer	5	Yes	Yes	
4805	Medical Equipment Repairer	5	Yes	Yes	
3802	Metal Forger	2	Yes	Yes	
3869	Metal Forming Machine Operator	5	Yes	Yes	
3735	Metal Phototransferer	5	Yes	No	
3858	Metal Tank and Radiator Repairer	4	Yes	Yes	
3872	Metal Tube Maker, Installer, and Repairer	5	Yes	Yes	
3707	Metallizing Equipment Operator	2	Yes	Yes	
5731	Miner (Roof Control)	4	Yes	Yes	
3809	Mobile Equipment Metal Mechanic	5	Yes	Yes	
5806	Mobile Equipment Servicer	4	Yes	Yes	
4714	Model Maker	5	Yes	Yes	
4373	Molder	4	Yes	Yes	
5205	Monitoring Systems Mechanic	4	Yes	No	
3910	Motion Picture Projectionist	5	Yes	No	
5703	Motor Vehicle Operator	2	Yes	No	
6505	Munitions Destroyer	4	Yes	Yes	
6511	Munitions Handler	4	Yes	Yes	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
3705	Nondestructive Tester	3	Yes	Yes	
4806	Office Appliance Repairer	5	Yes	Yes	
4414	Offset Photographer	5	Yes	No	
4417	Offset Press Operator	4	Yes	No	
5323	Oiler and Greaser	2	Yes	Yes	
4005	Optical Element Worker	4	Yes	No	
3306	Optical Instrument Repairer	5	Yes	Yes	
6641	Ordnance Equipment Mechanic	5	Yes	No	
5440	Packaging Machine Operator	4	Yes	Yes	
7002	Packer	4	Yes	Yes	
4102	Painter	4	Yes	No	
4103	Paperhanger	2	Yes	No	
4616	Patternmaker	4	Yes	Yes	
5026	Pest Controller	4	Yes	No	
4204	Pipefitter	4	Yes	Yes	
3508	Pipelineman	4	Yes	Yes	
3605	Plasterer	4	Yes	Yes	
4352	Plastic Worker	4	Yes	Yes	
4206	Plumber	2	Yes	Yes	
8255	Pneudraulics Systems Mechanic	3	Yes	Yes	
3422	Power Saw Operator	4	Yes	Yes	
5378	Powered Support Systems Mechanic	4	Yes	Yes	
4010	Prescription Eyeglass Maker	5	Yes	Yes	
7006	Preservation Servicer	2	Yes	No	
7306	Presser	4	Yes	No	
4401	Printing and Bindery Machine Operator	4	Yes	No	
3364	Projection Equipment Worker	5	Yes	Yes	
4816	Protective & Safety Equipment Repairer	5	Yes	Yes	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
3941	Public Address Equipment Operator	4	Yes	No	
4716	Railroad Car Repairer	5	Yes	Yes	
3546	Railroad Repairer	5	Yes	Yes	
4741	Recreational Equipment Operator	4	Yes	No	
4745	Research Laboratory Mechanic	5	Yes	Yes	
5210	Rigger	5	Yes	Yes	
5706	Road Sweeper Operator	2	Yes	No	
3606	Roofer	6	No	Yes	
4361	Rubber Equipment Repairer	5	Yes	Yes	
4360	Rubber Products, Fabricator & Repairer	5	Yes	Yes	
5423	Sandblaster	4	Yes	Yes	
5478	Sanitary Equipment Operator	2	Yes	No	
4812	Saw Reconditioner	4	Yes	Yes	
5408	Sewage Disposal Plant Operator	4	Yes	Yes	
3111	Sewing Machine Operator	4	Yes	No	
5312	Sewing Machine Repairman	5	Yes	Yes	
7601	Sexton	4	Yes	No	
3806	Sheet Metal Mechanic	4	Yes	Yes	
3103	Shoe Repairman	4	Yes	Yes	
3769	Shot Peening Machine Operator	4	Yes	Yes	
3701	Shrink Pit Operator	4	Yes	Yes	
4104	Sign Painter	5	Yes	No	
4419	Silk Screen Maker and Printer	5	Yes	No	
6515	Small Arms Ammunition Inspector	3	Yes	Yes	
6610	Small Arms Repairer	5	Yes	Yes	
8610	Small Engine Mechanic	4	Yes	Yes	
3911	Sound Recording Equipment Operator	4	Yes	No	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
6656	Special Weapons Systems Mechanic	5	Yes	Yes	
5419	Stationary-Engine Operator	4	Yes	No	
6914	Store Worker	1	Yes	No	
3807	Structural Iron Worker	4	Yes	Yes	
5486	Swimming Pool Operator	2	Yes	No	
2502	Telecommunications Mechanic	5	Yes	Yes	
5439	Testing Equipment Operator	3	Yes	No	
4639	Timber Worker	4	Yes	Yes	
4840	Tool and Equipment Repairer	5	Yes	Yes	
3417	Tool Grinder	5	Yes	Yes	
3416	Toolmaker	5	Yes	Yes	
6904	Tools and Parts Attendant	4	Yes	No	
5705	Tractor Operator	2	Yes	No	
5042	Tree Maintenance Worker	1	Yes	Yes	
3106	Upholsterer	4	Yes	Yes	
5406	Utility Systems Operator	4	Yes	Yes	
4742	Utility Systems Repairer	4	Yes	No	
5409	Water Treatment Plant Operator	4	Yes	Yes	
3703	Welder	5	Yes	Yes	
2504	Wire Communications Cable Splicer	4	Yes	Yes	
4604	Wood Worker	6	No	Yes	
4605	Woodcrafter	4	Yes	Yes	

## GENERAL SCHEDULE VISION STANDARDS

JOB SERIES	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
510	Accountant	1	No	No	
525	Accounting Technician	1	No	No	
1510	Actuary	1	No	No	
303	Administrative Assistant	1	No	No	
341	Administrative Officer	1	No	No	
1361	Aeronautical Information Specialist	5	Yes	No	
861	Aerospace Engineer	1	No	No	
890	Agricultural Engineer	3	Yes	No	
471	Agronomist	5	Yes	Yes	
1815	Air Safety Investigator	5	Yes	Yes	Applicants for all positions must possess a current first or second class medical certificate in accordance with FAA regulations.
2152	Air Traffic Controller	5	Yes	No	
2181	Aircraft Pilot	5	Yes	No	At initial appointment, candidates for all pilot positions must possess a current first or second-class medical certificate in accordance with FAA regulations. If an agency decides not to accept the second-class medical certificate, the rationale should be based upon the requirements of the position, and should be thoroughly described in agency operating material. Staff specialists not involved in the operation of aircraft need only have a medical examination indicating that they are able to perform the duties of the position to be filled. For flight test pilots, airspace system inspection pilots, and Customs pilots, all candidates must possess a current first class medical certificate at the time of appointment.
1171	Appraiser and Assessor	1	No	No	
193	Archeologist	5	Yes	No	
808	Architect	5	Yes	No	
1421	Archives Technician	5	Yes	No	
1420	Archivist	5	Yes	No	
1056	Art Specialist	5	Yes	No	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
905	Attorney	1	No	No	
665	Audiologist	5	Yes	No	
1071	Audiovisual Production Specialist	5	Yes	No	
2151	Automotive Equipment Dispatcher	1	No	No	
625	Autopsy Assistant	5	Yes	Yes-Bio	
1825	Aviation Safety Inspector	5	Yes	Yes	Meet Class I or II flight physical vision standards if pilot duties required by specific job.
404	Biological Science Technician	5	Yes	Yes-Bio	
430	Botanist	5	Yes	No	
560	Budget Analyst	1	No	No	
1176	Building Manager	5	No	No	
2144	Cargo Scheduler	1	No	No	
1370	Cartographer	3	Yes	No	
1371	Cartographic Technician	3	Yes	No	
530	Cash Processing Clerk	1	No	No	
2050	Cataloging Specialist	1	No	No	
1630	Cemetery Administrator	1	No	No	
060	Chaplain		No	No	
893	Chemical Engineer	3	Yes	No	
1320	Chemist	3	Yes	Yes	
810	Civil Engineer	5	Yes	Yes	
544	Civilian Pay Technician	1	No	No	
998	Claims Clerk	1	No	No	
945	Clerk of Court	1	No	No	
312	Clerk-Stenographer and Reporter	1	No	No	
322	Clerk-Typist	1	No	No	
319	Closed Microphone Reporter	1	No	No	
062	Clothing Designer	5	Yes	No	
357	Coding Clerk	1	No	No	
1144	Commissary Store Manager	5	Yes	No	
394	Communications Clerk	1	No	No	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
391	Communications Management Specialist	5	No	No	
390	Communications Relay Operator	4	No	No	
020	Community Planning Specialist	5	Yes	No	
021	Community Planning Technician	5	Yes	No	
335	Computer Assistant	5	Yes	No	
332	Computer Operator	5	Yes	No	
1550	Computer Scientist	5	Yes	No	
334	Computer Specialist	5	Yes	No	
828	Construction Analyst	5	Yes	No	
809	Construction Representative	5	Yes	Yes	
962	Contact Representative	1	No	No	
1102	Contract Specialist	1	No	No	
006	Correctional Program Administrator	5	Yes	No	20/30 vision with or without correction
101	Correctional Treatment Specialist	1	No	No	good distant vision in one eye, read normal size print
309	Correspondence Clerk	1	No	No	
1811	Criminal Investigator	5	Yes	No	
356	Data Transcriber	1	No	No	
681	Dental Assistant	5	Yes	Yes	
682	Dental Hygienist	5	Yes	Yes	
683	Dental Laboratory Technician	5	Yes	Yes	
680	Dental Officer	5	Yes	Yes	
630	Dietitian	5	Yes	No	
2030	Distribution Facilities & Storage Mgr	5	Yes	No	Possible need for goggles in some locations
408	Ecologist	5	Yes	Yes	
110	Economist	1	No	No	
1087	Editorial Assistant	5	Yes	No	
1720	Education Program Specialist	5	Yes	No	
362	Electric Accounting Machine Supervisor	1	No	No	

JOB SERIES	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
850	Electrical Engineer	5	Yes	No	
855	Electronics Engineer	5	Yes	No	
856	Electronics Technician	3	Yes	Yes	
235	Employee Development Specialist	1	No	No	
230	Employee Relations Specialist	5	Yes	No	
818	Engineering Draftsman	5	Yes	No	
802	Engineering Technician	5	Yes	No	
414	Entomologist	5	Yes	No	
819	Environmental Engineer	5	Yes	No	
698	Environmental Health Technician	5	Yes	Yes	
260	Equal Opportunity Officer	1	No	No	
1670	Equipment Specialist	5	Yes	Yes	
1010	Exhibits Specialist	5	Yes	No	
1640	Facility Management Specialist	5	Yes	No	
1160	Financial Analyst	1	No	No	
505	Financial Manager	1	No	No	
503	Financial Technician	1	No	No	
072	Fingerprint Identification Specialist	5	Yes	No	
804	Fire Prevention Engineer	5	Yes	No	
081	Firefighter	2	Yes	No	Corrected distant vision minimum 20/30 in one eye and 20/70 in the other. Uncorrected distant vision of at least 20/100 binocular if it is likely that corrective lenses may be lost or broken. Free from acute / chronic eye disease.
482	Fishery Biologist	5	No	No	
460	Forester	5	Yes	Yes	
462	Forestry Technician	5	Yes	Yes	Smokejumpers: Free from acute/chronic eye disease. Corrected distant acuity at least 20/20 (Snellen) in one eye and at least 20/30 (Snellen) in the other. Able to read typewritten size printed material with correction.

JOB SERIES	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
2131	Freight Rate Specialist	1	No	No	
1701	General Education & Training Specialist	5	Yes	No	
2001	General Supply Specialist	5	Yes	No	
440	Geneticist	5	Yes	No	
1372	Geodesist	5	Yes	No	
1374	Geodetic Technician	5	Yes	No	
150	Geographer	5	Yes	No	
1350	Geologist	5	Yes	No	
1313	Geophysicist	5	Yes	No	
1306	Health Physicist	4	Yes	No	
670	Health System Administrator	1	No	No	
646	Histopathology Technician	5	Yes	Yes	
170	Historian	5	Yes	No	
493	Home Economist	5	Yes	No	
437	Horticulturist	5	Yes	No	
673	Hospital Housekeeping Officer	1	No	No	
1173	Housing Management Specialist	1	No	No	
1316	Hydrologic Technician	5	Yes	Yes	
1315	Hydrologist	5	Yes	No	
1020	Illustrator	5	Yes	No	
896	Industrial Engineer	5	Yes	No	
895	Industrial Engineering Technician	5	Yes	No	
690	Industrial Hygienist	5	Yes	Yes	
1103	Industrial Property Management Specialist	1	No	No	
1150	Industrial Specialist	5	Yes	No	
304	Information Receptionist	1	No	No	
134	Intelligence Assistant	5	Yes	No	
132	Intelligence Specialist	5	Yes	No	

JOB CODE	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
2010	Inventory Management Specialist	1	No	No	
1810	Investigator	5	Yes	No	
244	Labor-Management Relation Examiner	5	Yes	No	
1373	Land Surveyor	5	Yes	No	
807	Landscape Architect	5	Yes	No	
1658	Laundry & Dry-Cleaning Specialist	4	Yes	No	
986	Legal Clerk and Technician	1	No	No	
963	Legal Instruments Examiner	1	No	No	
1410	Librarian	1	No	No	
1411	Library Technician	1	No	No	
346	Logistics Management Specialist	1	No	No	
305	Mail Clerk	1	No	No	
1601	Maintenance Manager	2	Yes	No	
343	Management Analyst	1	No	No	
344	Management Assistant	1	No	No	
2161	Marine Cargo Specialist	4	Yes	Yes	
806	Materials Engineering Specialist	4	Yes	Yes	
1529	Mathematical Statistician	1	No	No	
1520	Mathematician	1	No	No	
1521	Mathematics Technician	1	No	No	
830	Mechanical Engineer	5	Yes	No	
679	Medical Clerk	1	No	No	
649	Medical Instrument Technician	5	Yes	Yes	
602	Medical Officer	5	Yes	Yes	
669	Medical Record Administrator	1	No	No	
675	Medical Record Technician	1	No	No	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
622	Medical Supply Technician	5	Yes	Yes	
645	Medical Technician	4	Yes	Yes	
644	Medical Technologist	4	Yes	Yes	
302	Messenger	6	No	No	
1321	Metallurgist	5	Yes	Yes	
1341	Meteorological Technician	5	Yes	No	
1340	Meteorologist	5	Yes	No	
403	Microbiologist	5	Yes	Yes	
350	Microform Equipment Operator	5	Yes	No	
545	Military Pay Specialist	1	No	No	
204	Military Pay Technician	1	No	No	
205	Military Personnel Management Specialist	1	No	No	
301	Misc. Administrator & Programmer	1	No	No	
1015	Museum Curator	5	Yes	No	
1016	Museum Specialist and Technician	5	Yes	Yes	
871	Naval Architect	5	Yes	No	
840	Nuclear Engineer	5	Yes	No	
610	Nurse	5	Yes	Yes	
621	Nursing Assistant	5	Yes	Yes	
222	Occupational Analyst	5	Yes	No	
631	Occupational Therapist	5	Yes	Yes	
1360	Oceanographer	5	Yes	Yes	
1021	Office Draftsman	1	No	No	
1515	Operations Research Analyst	5	Yes	No	
662	Optometrist	5	Yes	No	
667	Orthotist	5	Yes	Yes	
023	Outdoor Recreation Planner	1	No	No	
2032	Packaging Specialist	2	Yes	Yes	
950	Paralegal Specialist	1	No	No	
090	Park Guide	4	Yes	No	
025	Park Ranger	4	Yes	No	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
967	Passport and Visa Examiner	1	No	No	
1221	Patent Adviser	1	No	No	
1222	Patent Attorney	1	No	No	
203	Personnel Clerk	1	No	No	
201	Personnel Management Specialist	1	No	No	
212	Personnel Staffing Specialist	1	No	No	
660	Pharmacist	5	Yes	No	
405	Pharmacologist	5	Yes	No	
661	Pharmacy Technician	5	Yes	No	
1060	Photographer	5	Yes	No	
1386	Photographic Technologist	5	Yes	No	
1311	Physical Science Technician	5	Yes	Yes	
1301	Physical Scientist	5	Yes	No	
633	Physical Therapist	5	Yes	No	
636	Physical Therapy Assistant	5	Yes	No	
1310	Physicist	5	Yes	Yes	
413	Physiologist	5	Yes	No	
434	Plant Pathologist	5	Yes	No	
435	Plant Physiologist	5	Yes	No	
083	Police Officer	5	Yes	Yes	
082	Police Officer, Supervisory	5	Yes	Yes	
221	Position Classification Specialist	1	No	No	
351	Printing Clerk	1	No	No	
1654	Printing Specialist	1	No	No	
1106	Procurement Technician	1	No	No	
1152	Production Controller	5	Yes	No	
345	Program Analyst	1	No	No	

<b>JOB SERIES</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
1801	Program Inspection Specialist	5	Yes	No	
1104	Property Disposal Specialist	5	Yes	Yes	
1107	Property Disposal Technician	5	Yes	Yes	
180	Psychologist	1	No	No	
685	Public Health Analyst	1	No	No	
1130	Public Utilities Specialist	5	Yes	No	
1105	Purchasing Agent	1	No	No	
1910	Quality Assurance Specialist	1	No	No	
455	Range Technician	5	Yes	Yes	
454	Rangeland Management Specialist	5	Yes	No	
1170	Realty Specialist	5	Yes	No	
189	Recreation Assistant	5	Yes	Yes	
188	Recreation Specialist	5	Yes	Yes	
501	Resources Management Analyst	1	No	No	
651	Respiratory Therapist	5	Yes	Yes	
018	Safety & Occupational Health Manager	5	Yes	Yes	
803	Safety Engineer	5	Yes	Yes	
019	Safety Technician	5	Yes	Yes	
223	Salary & Wage Administration Specialist	1	No	No	
2091	Sales Store Clerk	1	No	No	
688	Sanitarian	5	Yes	No	
318	Secretary	1	No	No	
313	Secretary	1	No	No	
085	Security Guard	5	Yes	Yes	
080	Security Specialist	1	No	No	
186	Social Services Assistant	1	No	No	
187	Social Services Representative	1	No	No	

JOB SERIES	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
185	Social Worker	1	No	No	
184	Sociologist	1	No	No	
457	Soil Conservationist	5	Yes	No	
470	Soil Scientist	5	Yes	No	
1531	Statistical Assistant	1	No	No	
1530	Statistician	1	No	No	
2003	Supply Systems Analyst	1	No	No	
2005	Supply Technician	1	No	No	
342	Support Services Specialist	1	No	No	
817	Surveying Technician	5	Yes	No	
1710	Teacher	5	Yes	No	
1412	Technical Information Specialist	1	No	No	
1083	Technical Writer and Editor	1	No	No	
382	Telephone Operator	5	Yes	No	
1140	Trade Specialist	1	No	No	
2130	Traffic Management Specialist	5	Yes	No	
699	Trainee-Medical Fields	4	Yes	No	
1712	Training Instructor	5	Yes	No	
1702	Training Technician	5	Yes	No	
701	Veterinary Medical Officer	5	Yes	Yes	
1084	Visual Information Specialist	5	Yes	No	
540	Voucher Examiner	1	No	No	
1082	Writer-Editor	1	No	No	
410	Zoologist	5	Yes	No	

<b>ENLISTED MILITARY VISION STANDARDS</b>					
<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
00B	Diver	5	R/G	No	Distance acuity not worse than 20/200, near acuity not worse than 20/50, both correctable to 20/20 each eye.
00Z	Command Sergeant Major	5	*	No	*Appropriate to previous primary MOS
02B	Band, all musician MOS's	4	No	No	Includes MOS designators 02B, C, D, E, F, E, G, H, J, K, L, M, N, S, T, U, Z
11B	Infantryman	4	R/G	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
11C	Indirect Fire Infantryman	6	R/G	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
11H	Heavy Anti-armor Weapons Infantryman	4	R/G	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
11M	Fighting Vehicle Infantryman	4	R/G	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
11Z	Infantry Senior Sergeant	6	R/G	No	Correctable vision of 20/20 in one eye and 20/100 in the other.
12B	Combat Engineer	5	Yes	Yes	
12C	Bridge Crewman	6	Yes	Yes	
12Z	Combat Engineering Senior Sergeant	5	Yes	No	
13B	Cannon Crewmember	6	R/G	Yes	
13C	Tactical Automated Fire Control Systems Specialist	4	R/G	Yes	
13D	Field Artillery Tactical Data Systems Specialist	4	R/G	No	
13E	Cannon Fire Direction Specialist	6	R/G	Yes	
13F	Fire Support Specialist	6	Yes	Yes	
13M	Multiple Launch Rocket System Crewmember	6	R/G	Yes	
13P	Fire Direction Specialist	4	R/G	Yes	
13 R	FA Radar Operator	4	Yes	No	
13Z	Field Artillery Senior Sergeant	6	R/G	No	
14D	HAWK Missile System Crewmember	4	R/G	No	
14E	PATRIOT Fire Control Enhanced Operator/Maintainer	4	R/G	Yes	
14J	Air Defense Command, Control Communications, Computers, and Intelligence Tactical Operations Center Enhanced Operator/Maintainer	4	Yes	Yes	

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
14L	AN/TSQ-73 Air Defense Artillery Command and Control System Operator/Maintainer	4	Yes	Yes	
14M	Man Portable Air Defense System Crewmember	4	Yes	Yes	Distance vision correctable to 20/20 each eye
14R	Bradley Linebacker Crewmember	4	Yes	Yes	Distance vision correctable to 20/20 each eye and normal depth perception.
14S	AVENGER Crewmember	4	Yes	Yes	Distance vision correctable to 20/20 each eye without multifocal lenses.
14T	PATRIOT Launching Station Enhanced Operator/Maintainer	4	Yes	Yes	
14Z	Air Defense Artillery Senior Sergeant	1	R/G	No	
16P	CHAPARRAL Crewmember	6	R/G	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
18C	Special Forces Engineer Sergeant	1	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
18D	Special Forces Medical Sergeant	5	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
18E	Special Forces Communications Sergeant	3	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
18F	Special Forces Assistant Operations and Intelligence Sergeant	3	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
18Z	Special Forces Senior Sergeant	3	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
19D	Cavalry Scout	6	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
19E	M48 - M60 Armor Crewman	6	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
19K	M1 Armor Crewman	6	Yes	Yes	Correctable vision of 20/20 in one eye and 20/100 in the other.
19Z	Armor Senior Sergeant	6	R/G	Yes	
23R	HAWK Missile System Mechanic	5	Yes	Yes	
24H	HAWK Fire Control Repairer	5	Yes	Yes	
24M	VULCAN System Mechanic	5	Yes	Yes	
24N	CHAPARRAL System Mechanic	5	Yes	Yes	
25M	Multimedia Illustrator	1	Yes	No	
25R	Visual Information Equipment Operator	3	Yes	No	
25V	Combat Documentation/ Production Specialist	3	Yes	No	
25Z	Visual Information Operations Clerk	3	Yes	No	

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
27E	Land Combat Electronic Missile System Repairer	3	Yes	Yes	
27G	CHAPARRAL and REDEYE Repairer	3	Yes	Yes	
27H	HAWK Field Maintenance Equipment and Firing Repairer	3	Yes	Yes	
27K	HAWK Fire Control and Continuous Wave Radar Repairer	3	Yes	Yes	
27M	Multiple Launch Rocket System Repairer	3	Yes	Yes	
27T	AVENGER System Repairer	3	Yes	Yes	
27X	PATRIOT System Repairer	3	Yes	Yes	
27Z	Missile Systems Maintenance Chief	5	Yes	Yes	
31C	Radio Operator - Maintainer	3	No	Yes	
31F	Network Switching Systems Operator - Maintainer	3	Yes	Yes	
31L	Cable Systems Installer - Maintainer	3	Yes	No	
31P	Microwave Systems Operator - Maintainer	3	Yes	No	Frequently reads complex schematic diagrams.
31R	Multichannel Transmission Systems Operator-Maintainer	3	Yes	No	
31S	Satellite Communications Systems Operator-Maintainer	3	Yes	No	Frequently reads complex schematic diagrams.
31T	Satellite/Microwave Systems Chief	3	Yes	No	Frequently reads complex schematic diagrams.
31U	Signal Support Systems Specialist	3	Yes	No	
31W	Telecommunications Operations Chief	3	Yes	No	Frequently reads complex schematic diagrams.
31Z	Senior Signal Sergeant	3	Yes	No	Frequently reads complex schematic diagrams.
33R	EW/I Avn Sys Repairman	3	Yes	No	Good near vision.
33W	Electronic Warfare/Intercept Tactical Systems Repairer	3	Yes	Yes	
35B	Land Combat Support System Test Specialist	3	Yes	Yes	
35C	Surveillance Radar Repairer	3	Yes	Yes	

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
35D	Air Traffic Control Equipment Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
35E	Radio and Communications Security Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
35F	Special Electronic Devices Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
35H	Test, Measurement, and Diagnostic Equipment Maintenance Support Specialist	3	Yes	Yes	Frequently reads detailed technical manuals.
35J	Telecommunications Terminal Device Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
35L	Avionic Communications Equipment Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
35M	Radar Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
35N	Wire Systems Equipment Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
35Q	Avionic Flight Systems Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
35R	Avionic Radar Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
35W	Electronic Maintenance Chief	3	Yes	Yes	Frequently reads complex schematic diagrams.
35Y	Integrated Family of Test Equipment Operator and Maintainer	3	Yes	Yes	Frequently reads detailed technical manuals.
35Z	Senior Electronic Maintenance Chief	3	Yes	Yes	Frequently reads complex schematic diagrams.
37F	Psychological Operations Specialist	5	Yes	No	
38A	Civil Affairs Specialist	5	No	No	
39B	Automatic Test Equipment Operator and Maintainer	3	Yes	Yes	Far Vision: Correctable to 20/40; Near vision: read Jaeger 1 at 14 inches; Normal binocular vision for near work. Frequently reads complex schematic diagrams.
42E	Optical Laboratory Specialist	4	No	Yes	
43M	Fabric Repair Specialist	4	No	Yes	
44B	Metal Worker	4	Yes	Yes	Near and Distance visual acuity of at least 20/30 in each eye with or without corrective lenses. No more than 1 error on the Titmus Stereo Circles or no errors on 8 positions of the Verhoeff Stereopter at 16 inches.
44E	Machinist	4	Yes	Yes	
45B	Small Arms/Artillery Repairer	3	Yes	Yes	

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
45D	Self-propelled Field Artillery Turret Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
45E	M1 ABRAMS Tank Turret Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
45G	Fire Control Systems Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
45K	Armament Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
45N	M60A1/A3 Tank Turret Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
45T	BRADLEY Fighting Vehicle System Turret Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
46Q	Journalist	1	Yes	No	Normal depth perception.
46R	Broadcast Journalist	1	Yes	No	Normal depth perception.
46Z	Public Affairs Chief	1	Yes	No	Normal depth perception.
51B	Carpentry and Masonry Specialist	5	Yes	Yes	
51H	Construction Engineering Supervisor	4	No	Yes	Frequently reads and interprets complex drawings and specifications.
51K	Plumber	5	Yes	Yes	
51M	Firefighter	2	Yes	Yes	
51R	Interior Electrician	5	Yes	Yes	
51T	Technical Engineering Specialist	4	Yes	No	
51Z	General Engineering Supervisor	4	No	No	
52C	Utilities Equipment Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
52D	Power Generation Equipment Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
52E	Prime Power Production Specialist	3	Yes	Yes	Frequently reads complex schematic diagrams.
52F	Turbine Engine Driven Generator Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
52G	Transmission and Distribution Specialist	3	Yes	Yes	
52X	Special Purpose Equipment Repairer	3	Yes	Yes	
54B	Chemical Operations Specialist		Yes	Yes	
55B	Ammunition Specialist	6	Yes	Yes	
55D	Explosive Ordnance Disposal Specialist	4	Yes	Yes	
57E	Laundry and Shower Specialist	6	No	No	
62B	Construction Equipment Repairer	3	Yes	Yes	Frequently reads maps.
62E	Heavy Construction Equipment Operator	2	R/G	Yes	Must possess normal depth perception.

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
62F	Crane Operator	2	R/G	No	Must possess normal depth perception.
62G	Quarrying Specialist	2	Yes	Yes	Must possess normal depth perception.
62H	Concrete and Asphalt Equipment Operator	2	R/G	Yes	Must possess normal depth perception.
62J	General Construction Equipment Operator	2	R/G	Yes	Must possess normal depth perception.
62N	Construction Equipment Supervisor	2	R/G	Yes	Must possess normal depth perception.
63B	Light-Wheel Vehicle Mechanic	4	Yes	Yes	Frequently reads detailed technical manuals.
63D	Self-Propelled Field Artillery System Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
63E	M1 ABRAMS Tank System Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
63G	Fuel and Electrical Systems Repairer	4	Yes	Yes	Frequently reads complex schematic diagrams.
63H	Track Vehicle Repairer	4	Yes	Yes	Frequently reads complex schematic diagrams.
63J	Quartermaster and Chemical Equipment Repairer	3	Yes	Yes	Frequently reads complex schematic diagrams.
63N	M60A1/A3 Tank System Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
63S	Heavy Wheel Vehicle Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
63T	Bradley Fighting Vehicle System Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
63W	Wheel Vehicle Repairer	4	Yes	Yes	Frequently reads complex schematic diagrams.
63Y	Track Vehicle Mechanic	4	Yes	Yes	Frequently reads complex schematic diagrams.
63Z	Mechanical Maintenance Supervisor	4	Yes	Yes	Frequently reads complex schematic diagrams.
67G	Utility Airplane Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67H	Observation Airplane Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67N	UH-1 Helicopter Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67R	AH 64 Attack Helicopter Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67S	OH-58D Helicopter Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67T	UH-60 Helicopter Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67U	CH-47 Helicopter Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67V	Observation/Scout Helicopter Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
67Y	AH-1 Attack Helicopter Repairer	3	Yes	Yes	Frequently reads detailed technical manuals.
67Z	Aircraft Maintenance Senior Sergeant	3	Yes	Yes	Frequently reads detailed technical manuals.
68B	Aircraft Powerplant Repairer	3	Yes	Yes	Frequently reads and interprets detailed technical manuals and drawings.
68D	Aircraft Powertrain Repairer	3	Yes	Yes	Frequently reads and interprets detailed technical manuals and drawings.
68F	Aircraft Electrician	3	Yes	Yes	Frequently reads and interprets detailed technical manuals and drawings.
68G	Aircraft Structural Repairer	3	Yes	Yes	Frequently reads and interprets detailed technical manuals and drawings.
68H	Aircraft Pneudraulics Repairer	3	Yes	Yes	Frequently reads and interprets detailed technical manuals and drawings.
68J	Aircraft Armament/Missile Systems Repairer	3	Yes	Yes	
68K	Aircraft Components Repair Supervisor	3	Yes	Yes	Must read detailed technical manuals.
68N	Avionic Mechanic	3	Yes	Yes	
68P	Avionic Maintenance Supervisor	3	Yes	Yes	Frequently reads detailed technical manuals.
68X	AH-64 Armament/Electrical Systems Repairer	3	Yes	Yes	
71D	Legal Specialist	1	No	No	
71G	Patient Administration Specialist	1	No	No	Frequently reviews documents and correspondence.
71L	Administrative Specialist	1	No	No	Visually reviews documents and correspondence.
71M	Chaplain Assistant	1	No	No	
73C	Finance Specialist	1	No		Frequently reviews detailed ledger sheets.
73D	Accounting Specialist	1	No	No	Frequently reviews detailed ledger sheets.
73Z	Finance Senior Sergeant	1	No	No	Frequently reviews detailed ledger sheets.
74B	Information Systems Operator-Analyst	1	Yes	No	Frequently reads complex schematic diagrams.
74C	Telecommunications Operator-Maintainer	1	Yes	No	
74D	Computer/Machine Operator	1	No	No	
74G	Telecommunications Computer Operator-Maintainer	1	Yes	No	

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
74Z	Information Systems Chief	1	Yes	No	
75B	Personnel Administration Specialist	1	No	No	Frequently reviews documents and correspondence.
75F	Personnel Information System Management Specialist	1	No	No	
75H	Personnel Services Specialist	1	No	No	Frequently reviews documents, records and correspondence.
76J	Medical Supply Specialist	1	Yes	No	Frequently inspects and inventories visually.
77F	Petroleum Supply Specialist	6	Yes	Yes	Frequently inspects visually.
77L	Petroleum Laboratory Specialist	1	Yes	Yes	
77W	Water Treatment Specialist	1	Yes	Yes	Frequently inspects equipment visually.
79R	Recruiter	1	No	No	Frequently reviews documents, records and correspondence.
79S	Career Counselor	1	No	No	Frequently reviews documents, records and correspondence.
79T	Recruiting and Retention NCO (Army NG)	1	No	No	Frequently reviews documents, records and correspondence.
81L	Lithographer	1	Yes	No	
81T	Topographic Analyst	1	Yes	No	
81Z	Topographic Engineering Supervisor	1	No	No	
82C	Field Artillery Surveyor	1	Yes	No	Frequently reads complex schematic diagrams.
82D	Topographic Surveyor	1	Yes	No	
88H	Cargo Specialist	1	R/G	Yes	
88K	Watercraft Operator	2	Yes	No	Uncorrected acuity not more than 20/200 in each eye that corrects with spectacles to 20/20 in one eye and 20/40 in the other eye.
88L	Watercraft Engineer	4	Yes	No	Uncorrected acuity not more than 20/200 in each eye that corrects with spectacles to 20/20 in one eye and 20/40 in the other eye.
88M	Motor Transport Operator	2	R/G	No	Frequently reads maps, signs and signals.
88N	Transportation Management Coordinator	1	No	No	
88P	Railway Equipment Repairer	3	Yes	Yes	
88T	Railway Section Repairer	3	No	Yes	

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
88U	Railway Operations Crewmember	2	Yes	No	
88X	Railway Senior Sergeant	2	Yes	No	Frequently reads blueprints.
88Z	Transportation Senior Sergeant	2	No	No	
91A	Mechanical Equipment Repairer	3	Yes	Yes	
91B	Medical Specialist	2	Yes	Yes	
91C	Practical Nurse	5	Yes	Yes	
91D	Operating Room Specialist	5	Yes	Yes	
91E	Dental Specialist	5	Yes	Yes	
91K	Medical Laboratory Specialist	5	Yes	No	
91M	Hospital Food Service Specialist	6	Yes	No	
91P	Radiology Specialist	5	Yes	No	
91Q	Pharmacy Specialist	3	Yes	No	
91R	Veterinary Food Inspection Specialist	3	Yes	No	Good near vision.
91S	Preventive Medicine Specialist	5	Yes	No	
91T	Animal Care Specialist	4	Yes	Biological	Frequently reads detailed technical manuals.
91V	Respiratory Specialist	5	Yes	No	
91X	Mental Health Specialist	3	No	No	
92A	Automated Logistical Specialist	1	Yes	No	
92G	Food Service Operations	3	Yes	No	
92M	Mortuary Affairs Specialist	1	No	No	
92R	Parachute Rigger	3	Yes	No	
92Y	Unit Supply Specialist	1	Yes	No	Frequently reads detailed technical manuals.
92Z	Senior NCO Logistician	1	No	No	
93B	Aeroscout Observer	4	Yes	No	
93C	Air Traffic Control Operator	4	Yes	No	
93F	Field Artillery Meteorological Crewmember	3	Yes	No	
93P	Aviation Operations Specialist	3	No	No	
95B	Military Police	2	R/G	Yes	
95C	Correctional Specialist	2	R/G	Yes	
95D	CID Special Agent	2	Yes	Yes	
96B	Intelligence Analyst	3	Yes	No	Constantly reviews documents.

<b>JOB SERIES /MOS</b>	<b>JOB TITLE</b>	<b>VISION STD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS:</b> (based on job descriptions in DA PAM 611-21 - 31 March 1999 and MOS descriptions)
96D	Imagery Analyst	3	Yes	No	Near vision corrected to 14/14 (inches) and distance acuity of 20/20. Must possess stereoscopic vision with or without correction.
96H	Imagery Ground Station Operator	3	Yes	No	
96R	Ground Surveillance Systems Operator	3	Yes	No	
96U	Unmanned Aerial Vehicle Operator	3	Yes	No	
96Z	Intelligence Senior Sergeant	3	Yes	No	
97B	Counterintelligence Agent	5	Yes	No	
97E	Interrogator	3	Yes	No	Constantly reviews documents.
97G	Multidiscipline Counterintelligence Operator/Analyst	5	R/G	No	
97L	Translator/Interpreter	5	Yes	No	
97Z	Counterintelligence/ Human Intelligence Senior Sergeant	5	No	No	
98C	Signals Intelligence Analyst	5	Yes	No	Constantly reviews documents.
98D	Emitter Locator/Identifier	5	Yes	No	
98G	Voice Interceptor	5	Yes	No	Constantly reviews documents.
98H	Communications Locator/Interceptor	5	R/G	No	
98J	Electronic Intelligence Interceptor/Analyst	5	Yes	No	
98K	Signals Collection/ Identification Analyst	5	R/G	No	
98Z	Signals Intelligence Senior Sergeant	5	No	No	

<b>WARRANT OFFICER VISION STANDARDS</b>					
<b>JOB SERIES/ MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
131A	Target Acquisition Radar Technician	3	No	No	
140A	Air Defense Command & Control System Integrator	4	Yes	No	
140B	Forward Area Air Defense Systems Technician	5	No	Yes	Reserve Component Only
140D	HAWK Systems Technician	5	No	Yes	Reserve Component Only
140E	PATRIOT Systems Technician	5	Yes	Yes	
150A	Air Traffic Control Technician	5	Yes	No	Reserve Component Only, Acuity not worse than 20/400 in either eye and must correct to 20/20 in each eye. (See AR 40-501, Class II Flight Requirements.)
151A	Aviation Maintenance Technician	3	Yes	Yes	Acuity not worse than 20/400 in either eye and must correct to 20/20 in each eye. (See AR 40-501, Class II Flight Requirements.)
152B	OH58-A/C Scout Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
152C	OH-6 Scout Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
152D	OH-58D Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
152F	AH-64 Attack Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
152G	AH-1 Attack Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
153A	Rotary Wing Aviator	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
153B	UH-1 Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
153D	UH-60 Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
154C	CH-47D Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
155A	Fixed Wing Aviator	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.

<b>JOB SERIES/ MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
155D	U-21 Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
155E	C-12 Pilot	CL II Flight	Yes	No	20/20 unaided acuity, See AR 40-501, Class II Flight Requirements.
180A	Special Forces Warrant Officer	5	R/G	Yes	Distance vision correctable to at least 20/20 in one eye and 20/100 in the other within 8 diopters, plus or minus.
210A	Utilities Operation and Maintenance	5	Yes	Yes	Distance vision correctable to at least 20/20 in one eye and 20/100 in the other within 8 diopters, plus or minus.
215D	Terrain Analysis Technician	5	Yes	No	Minimum stereoacuity of 175 seconds of arc or better.
250A	Communications Security Technician	5	R/G	No	Distance vision correctable to at least 20/20 in one eye and 20/100 in the other within 8 diopters, plus or minus.
250B	Tactical Automated Network Technician	5	R/G	No	Distance vision correctable to at least 20/20 in one eye and 20/100 in the other within 8 diopters, plus or minus.
250N	Network Management Technician	5	Yes	No	Distance vision correctable to at least 20/20 in one eye and 20/100 in the other within 8 diopters, plus or minus.
251A	Data Processing Technician	5	No	No	Distance vision correctable to at least 20/20 in one eye and 20/100 in the other within 8 diopters, plus or minus.
311A	CID Special Agent	5	Yes	No	
350B	All Source Intelligence Technician	5	Yes	No	
350D	Imagery Intelligence Technician	5	Yes	No	
350L	Attache Technician	5	Yes	No	
351B	Counterintelligence Technician	5	Yes	No	
351C	Area Intelligence Technician	5	Yes	No	
351E	Human Intelligence Collection Technician	5	Yes	No	
352C	Traffic Analysis Technician	5	Yes	No	
352D	Emitter Location/ Identification Technician	5	Yes	No	
352G	Voice Intercept Technician	5	Yes	No	
352H	Morse Intercept Technician	5	Yes	No	
352J	Emanations Analysis Technician	5	Yes	No	
352K	Non-Morse Intercept Technician	5	Yes	No	

JOB SERIES/ MOS	JOB TITLE	VISION STANDARD	NORMAL COLOR VISION	EYE PROTECTION	COMMENTS
353A	IEW Systems Maintenance Technician	5	Yes	Yes	
420A	Military Personnel Technician	5	No	No	
420C	Bandmaster	5	No	No	
550A	Legal Administrator	5	No	No	
600A	Physician Assistant	5	Yes	No	May require biohazard splash protection.
640A	Veterinary Services Technician	5	Yes	No	Vision must be correctible to 20/20, may require biohazard splash protection.
670A	Health Services Maintenance Technician	5	Yes	No	Vision must be correctible to 20/20.
880A	Marine Deck Officer	5	Yes	Yes	Vision must correct to 20/20 in one eye and at least 20/40 in the other.
881A	Marine Engineering Officer	5	Yes	Yes	Vision must correct to 20/20 in one eye and at least 20/40 in the other.
910A	Ammunition Technician	5	Yes	Yes	Vision must correct to 20/20.
912A	Land Combat Missile Systems Technician	5	Yes	Yes	Vision must correct to 20/20.
913A	Armament Repair Technician	5	Yes	Yes	
914A	Allied Trades Technician	5	Yes	Yes	
915A	Unit Maintenance Technician (Light)	5	Yes	Yes	
915D	Unit Maintenance Technician (Heavy)	5	Yes	Yes	
915E	Support Maintenance Technician	5	Yes	Yes	
916A	High-to-Medium Altitude Air Defense	5	Yes	Yes	Vision must correct to 20/20.
917A	Maneuver Forces Air Defense Systems Technician	5	Yes	Yes	Vision must correct to 20/20.
918A	Test, Measurement, and Diagnosis Equipment Maintenance Support Technician	5	Yes	Yes	Vision must correct to 20/20.
918B	Electronic Systems Maintenance Technician	5	Yes	Yes	
919A	Engineer Equipment Repair Technician	5	Yes	Yes	Vision must correct to 20/20.
920A	Property Accounting Technician	5	Yes	No	Vision must correct to 20/20.
920B	Supply Systems Technician	5	Yes	No	Vision must correct to 20/20.
921A	Airdrop Systems Technician	5	Yes	Yes	Vision must correct to 20/20.
922A	Food Service Technician	5	Yes	No	Vision must correct to 20/20.

<b>Commissioned Officer Vision Standards</b>					
<b>JOB SERIES/MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
00A	Duties Unassigned	5	R/G	No	
00B	General Officer	5	R/G	No	
00C	Relieved from Duty, Sick	5	R/G	No	
00D	ROTC Officer Awaiting Entry	5	R/G	No	
00E	Student Officer	5	R/G	Yes	
01A	Branch Immaterial	5	R/G	Yes	
02A	Combat Arms Immaterial	5	R/G	Yes	
04A	Personnel Immaterial	5	R/G	No	
05A	AMEDD Immaterial	5	R/G	No	
11A	Infantry, General	5	R/G	Yes	
12A	Armor, General	5	R/G	Yes	
12B	Armor	5	R/G	Yes	
12C	Cavalry	5	R/G	Yes	
13A	Field Artillery General	5	R/G	Yes	
14A	Air Defense Artillery, General	5	R/G	Yes	
14B	Short-Range Air Defense Artillery	5	R/G	Yes	
14D	Hawk Missile ADA	5	R/G	Yes	
14E	Patriot Missile ADA	5	R/G	Yes	
15A	Aviation, General	5	Yes	No	
15B	Aviation, Combined Arms Operations	5	Yes	No	
15C	Aviation, All Source Intelligence	5	R/G	Yes	
15D	Aviation, Logistics	5	R/G	No	
18A	Special Forces	5	R/G	Yes	Distance vision correctable to at least 20/20 in one eye and 20/100 in the other within 8 diopters, plus or minus.
21A	Engineer, General	5	R/G	Yes	
21B	Engineer, Combat	5	R/G	Yes	
21D	Facilities/Contract Construction Management Engineer	5	R/G	Yes	
25A	Signal, General	4	R/G	No	
25B	Communications-Electronics Automation	4	R/G	No	

<b>JOB SERIES/MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
25C	Communications-Electronics Operations	4	R/G	No	
25D	Communications-Electronics Engineering	4	R/G	No	
25E	Communications-Information Systems and Networking	4	R/G	No	
31A	Military Police	2	R/G	Yes	
35A	Military Intelligence, General	5	R/G	No	
35B	Strategic Intelligence Analysis	5	R/G	No	
35C	Imagery Intelligence	5	Yes	No	
35D	All Source Intelligence	5	R/G	Yes	
35E	Counterintelligence	5	R/G	No	
35F	Human Intelligence	5	R/G	Yes	
38A	Civil Affairs, General	5	R/G	No	
39A	Psychological Operations or Civil Affairs, General	5	R/G	No	
39B	Psychological Operations	5	R/G	No	
39C	Civil Affairs	5	R/G	No	
41A	Personnel Programs Management Staff	5	R/G	No	
42A	Adjutant General, General	4	R/G	No	
42B	Personnel Systems Management	4	R/G	No	
42C	Army Bands	4	R/G	No	
42E	Administrative System Management	4	R/G	No	
44A	Finance, General	4	R/G	No	
45A	Comptroller	4	R/G	No	
46A	Public Affairs, General	4	R/G	No	
46B	Broadcast	4	R/G	No	
47A	US Military Academy Professor	4	R/G	No	
47C	Professor of English	4	R/G	No	
47D	Professor of Electrical Engineering and Computer Science	4	Yes	No	
47F	Professor of Systems Engineering	4	R/G	No	
47H	Professor of Foreign Languages	4	R/G	No	
47J	Professor of Social Sciences	4	R/G	No	
47K	Professor of History	4	R/G	No	

<b>JOB SERIES/MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
47L	Professor of Behavioral Sciences and Leadership	4	R/G	No	
47M	Professor of Chemistry	4	R/G	No	
47N	Professor of Mathematical Sciences	4	R/G	No	
47P	Professor of Geography and Environmental Sciences	4	R/G	No	
47Q	Professor and Associate Dean	4	R/G	No	
47R	Professor of Civil and Mechanical Engineering	4	R/G	No	
47S	Professor of Physical Education	4	R/G	No	
48A	Foreign Area Officer, General	4	R/G	No	
48B	Latin America FAO	4	R/G	No	
48C	Europe FAO	4	R/G	No	
48D	South Asia FAO	4	R/G	No	
48E	Eurasia FAO	4	R/G	No	
48F	China FAO	4	R/G	No	
48G	Mideast/North Africa FAO	4	R/G	No	
48H	Northeast Asia FAO	4	R/G	No	
48I	Southeast Asia FAO	4	R/G	No	
48J	Africa, South of Sahara FAO	4	R/G	No	
49A	Operations Research, General	4	R/G	No	
49B	Operations Research, Personnel	4	R/G	No	
49C	Operations Research, Combat Operations/Materiel Systems	4	R/G	No	
49D	Operations Research, Planning, Programming, and Resource Management	4	R/G	No	
49E	Operations Research, Test, and Evaluation	4	R/G	No	
51A	Research and Development	4	R/G	No	
51B	Test and Evaluation	4	R/G	No	
51C	Combat Development	4	R/G	No	
51D	Acquisition	4	R/G	No	
52B	Nuclear Research and Operations	4	R/G	No	
53A	Systems Automation Management	4	R/G	No	
53B	Systems Automation Engineering	4	R/G	No	

<b>JOB SERIES/MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
53C	Systems Automation Acquisition	4	R/G	No	
54A	Operations, Plans, and Training	4	R/G	No	
55A	Judge Advocate	4	R/G	No	
55B	Military Judge	4	R/G	No	
56A	Command and Unit Chaplain	4	R/G	No	
56D	Clinical Pastoral Educator	4	R/G	No	
60A	Operational Medicine	5	R/G	No	May require biohazard or mechanical protection in some environments.
60B	Nuclear Medical Officer	5	Yes	No	
60C	Preventive Medicine Officer	5	Yes	No	
60D	Occupational Medicine Officer	5	Yes	No	
60F	Pulmonary Disease Officer	5	Yes	No	May require biohazard splash protection.
60G	Gastroenterologist	5	Yes	No	May require biohazard splash protection.
60H	Cardiologist	5	Yes	No	May require biohazard splash protection.
60J	Obstetrician and Gynecologist	5	Yes	No	May require biohazard splash protection.
60K	Urologist	5	Yes	No	May require biohazard splash protection.
60L	Dermatologist	5	Yes	No	May require biohazard splash protection.
60M	Allergist, Clinical Immunologist	5	Yes	No	May require biohazard splash protection.
60N	Anesthesiologist	5	Yes	No	May require biohazard splash protection.
60P	Pediatrician	5	Yes	No	May require biohazard splash protection.
60Q	Pediatric Cardiologist	5	Yes	No	May require biohazard splash protection.
60R	Child Neurologist	5	Yes	No	May require biohazard splash protection.
60S	Ophthalmologist	5	Yes	No	May require biohazard splash protection.
60T	Otolaryngologist	5	Yes	No	May require biohazard splash protection.
60U	Child Psychiatrist	5	Yes	No	May require biohazard splash protection.
60V	Neurologist	5	Yes	No	May require biohazard splash protection.
60W	Psychiatrist	5	Yes	No	May require biohazard splash protection.

<b>JOB SERIES/MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
61A	Nephrologist	5	Yes	No	May require biohazard splash protection.
61B	Medical Oncologist/Hematologist	5	Yes	No	May require biohazard splash protection.
61C	Endocrinologist	5	Yes	No	May require biohazard splash protection.
61D	Rheumatologist	5	Yes	No	May require biohazard splash protection.
61E	Clinical Pharmacologist	5	Yes	No	May require biohazard splash protection.
61F	Internist	5	Yes	No	May require biohazard splash protection.
61G	Infectious Disease Officer	5	Yes	No	May require biohazard splash protection.
62H	Family Physician	5	Yes	No	May require biohazard splash protection.
61J	General Surgeon	5	Yes	No	May require biohazard splash protection.
61K	Thoracic Surgeon	5	Yes	No	May require biohazard splash protection.
61L	Plastic Surgeon	5	Yes	No	May require biohazard splash protection.
61M	Orthopedic Surgeon	5	Yes	No	May require biohazard splash protection.
61N	Flight Surgeon	5	Yes	No	May require biohazard splash protection.
61P	Physiatrist	5	Yes	No	May require biohazard splash protection.
61Q	Therapeutic Radiologist	5	Yes	No	May require biohazard splash protection.
61U	Pathologist	5	Yes	No	May require biohazard or mechanical protection in some environments.
61W	Peripheral Vascular Surgeon	5	Yes	No	May require biohazard splash protection.
61Z	Neurosurgeon	3	Yes	No	May require biohazard splash protection.
62A	Emergency Physician	5	Yes	Yes	May require biohazard splash protection.
62B	Field Surgeon				May require biohazard splash protection.
63A	General Dentist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63B	Comprehensive Dentist	3	Yes	Yes	May require biohazard and/or mechanical protection.

<b>JOB SERIES/MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
63D	Periodontist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63E	Endodontist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63F	Prosthodontist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63H	Public Health Dentist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63K	Pedodontist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63M	Orthodontist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63N	Oral and Maxillofacial Surgeon	3	Yes	Yes	May require biohazard and/or mechanical protection.
63P	Oral Pathologist	3	Yes	Yes	May require biohazard and/or mechanical protection.
63R	Executive Dentist	5	Yes	No	
64A	Veterinarian	3	Yes	Yes	May require biohazard and/or mechanical protection.
65A	Occupational Therapy	5	Yes	Yes	
65B	Physical Therapy	5	Yes	No	
65C	Dietician	4	Yes	No	
65D	Physician Assistant		Yes		May require biohazard and/or mechanical protection.
66C	Psychiatric/Mental Health Nurse	5	Yes	No	May require biohazard and/or mechanical protection.
66E	Operating Room Nurse	5	Yes	Yes	May require biohazard and/or mechanical protection.
66F	Nurse Anesthetist	5	Yes	Yes	May require biohazard and/or mechanical protection.
66H	Medical Surgical Nurse	5	Yes	Yes	May require biohazard and/or mechanical protection.
66N	Generalist Nurse	5	Yes	No	May require biohazard and/or mechanical protection.
67A	Health Services	4	R/G	No	

<b>JOB SERIES/MOS</b>	<b>JOB TITLE</b>	<b>VISION STANDARD</b>	<b>NORMAL COLOR VISION</b>	<b>EYE PROTECTION</b>	<b>COMMENTS</b>
67B	Laboratory Sciences	4	Yes	No	
67C	Preventive Medicine Services	4	R/G	No	
67D	Behavioral Sciences	4	R/G	No	
67E	Pharmacy	4	Yes	No	
67F	Optometry	4	Yes	No	
67G	Podiatry	4	Yes	No	
67J	Aeromedical Evacuation	4	R/G	No	
74A	Chemical, General	3	Yes	Yes	
74B	Chemical Operations and Training	3	Yes	Yes	
74C	Chemical Munitions & Materiel Management	4	Yes	No	
88A	Transportation, General	4	R/G	No	
88B	Traffic Management	4	R/G	No	
88C	Marine and Terminal Operations	4	R/G	No	
88D	Motor / Rail Transportation	4	R/G	No	
90A	Logistics	4	R/G	No	
91A	Ordnance, General	3	Yes	No	May require mechanical protection.
91B	Maintenance Management	4	Yes	No	
91D	Munitions Materiel Management	4	Yes	No	
91E	Explosive Ordnance Disposal	4	Yes	Yes	
92A	Quartermaster, General	4	R/G	No	
92B	Supply and Materiel Management	4	R/G	No	
92D	Aerial Delivery and Materiel	4	R/G	No	
92F	Petroleum and Water	4	R/G	Yes	
95A	Transportation, General	4	R/G	No	
95B	Traffic Management	4	R/G	No	
95C	Marine and Terminal Operations	4	R/G	Yes	
95D	Motor/Rail Transportation	4	R/G	Yes	
95E	Transportation Management	4	R/G	No	
97A	Contracting and Industrial Management Officer	4	R/G	No	

